BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Estimate for Providing street sign boards to main and cross roads of Kodigehalli in ward no. 08.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary** soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 142 / Item No. 19.1, PWD SR 2016-17**	Cum							
	Street Sign Boards		103	0.60	0.60	0.60	22.25		
							22.25	86.92	**1934.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	KSRRB M800-3. **Direction and Place Identification Signs upto 0.9 sqm Size Board:**-Manufacturing, supply and installation of retro - reflectorised cautionary, mandatory and informatory signboards made out of cube corner micro prismatic grade sheeting confirming to type XI standards of IRC :67:2012 specifications & fixed over 4 mm thick aluminium composite panel sheet having minimun 0.30 thick aluminium skin on both sides & fixed over a support frame of 25x25x3 mm MS angle and mounted on 75mm dia OR 75x75x6mm Mild steel angle of total height 2.70m with clear height of not less than 2.10 m from the ground level to the bottom of the sign board & 60 cm below ground level. The sign post should be painted with one coat of red oxide paint and white colour with brands of 30 cm height alternatively firmly fixed to the ground by means of foundation with M20 grade cement concrete of 45 cm x45 cm x 60 cm including cost & conveyance of all materials, equipment, machinery & labour with all leads and lifts, loading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective sheeting	Sqm	1	103			**103.00**	8590.24	**884795.00**
	Basic Rate	8104.00							
	Area Weightage @ 6%	486.24							
	Total	**8590.24**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 - **Painting on Steel Surface Page No. 184 / Item No. 24.8.1, PWD SR 2016-17**	Sqm							
	Pole								
	Board Front and Back Side		103	3.00		0.20	61.80		
			103x2	0.60		0.45	55.62		
			103x2	0.60		0.15	18.54		
							135.96	60.42	**8215.00**
	Basic Rate	57.00							
	Area Weightage @ 6%	3.42							
	Total	**60.42**							
4	KSRRBM800-9. Painting New Letter and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) " MORTH Specification No. 803 **Page No. 184 / Item No. 24.9, PWD SR 2016-17**	cm							
	Board Letters		15	0.10			1.50		
			20	0.13			2.50		
			25	0.10			2.50		
			30	0.10			3.00		
			25	0.10			2.50		
							12.00	**Cms**	
	For One Board								
	For 172 Boards		103	12.00					
							1236	0.80	**983.00**
	Basic Rate	0.75							
	Area Weightage @ 6%	0.05							
	Total	**0.80**							
5	A) KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH - 100/ Chapter 1 (Page No. 132 / Item No. 17.1)	**cum**							
	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means								
					Qty Item No. 01		22.25		
							90.00		
	Historical Debries						**112.25**	106.00	**11898.00**
	2.5x1.28x10	**32.00**							
	Basic Rate	**68.00**							
		100.00							
	Area Weightage @ 6%	6.00							
	Total	**106.00**							

8 Miscellaneous and unforeseen charges 1392.50 3712.40

Grand Total RS:- 1000000.00

CERTIFICATES

1 The work will be Executed within BBMP limit only

2 The work spot is inspected by me

3 The items Provided in the Estimate are quite Essential

4 The Estimate is prepared Based on CSR 2015-2016

Asst.Engineer
Ward no.8

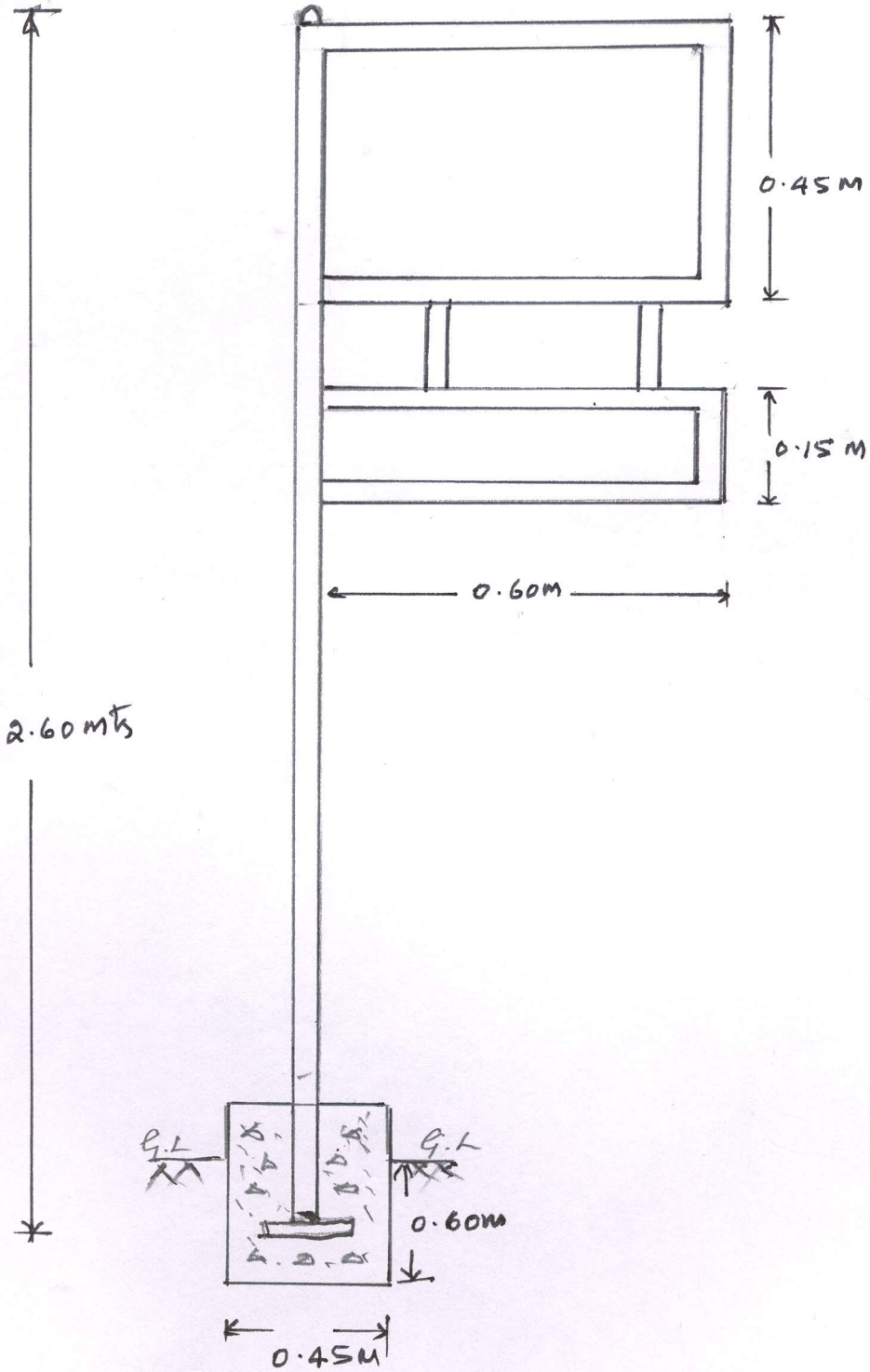
Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

Executive Engineer
Byatrayanapura Division
B.B.M.P.
05/04

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of A/c P-3111
Div. Ref. No. 01/17-18 05/04/17
AE 05/04 EE(BTP) 5/4

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of A/c P-3111
Div. Ref. No. 02/17-18 05/04/17
AE 05/04 EE(BTP) 5/4

TYPICAL DRAWING FOR NAME BOARDS.



Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.